



Python Programming for Beginner

Ray Chinese School

2021 Summer



Introduction

28 Years
programming
experience

4 years
teaching

Python programming class for beginner

Student age -
--- from 8
years old

Remote Class

Why Python

The most popular programming since last year

Simple syntax and easy to learn

Plenty of packages

Games package

Widely used

Data processing

Machine learning

Goals for beginner class

- How to coding
- Have some fun
- build interests in programming

Class for beginners

- Basic Python Syntax
 - Variables types
 - Python collections
 - Python control flow
 - Function
 - Class and Object



Fun Projects for beginners

Lucky sevens

Digital graphic by turtle

Alien video games

ATM



Tools and Apps

- Jupyter Notebook
 - PyCharm
 - Python IDLE
 - Playground – cocalc.com
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